

AMENDMENTS TO THE CLAIMS

1. - 16 (Canceled)

17. (Currently Amended) An isolated nucleic acid, wherein the sequence of the nucleic acid is selected from the group consisting of:

- (a) SEQ ID NO: 15215;
- (b) a DNA encoding the nucleic acid of (a), wherein the DNA is identical in length to (a); and
- (c) the complement of (a) or (b), ~~wherein~~ wherein the complement is identical in length to (a).

18. (Previously Presented) An isolated nucleic acid, wherein the sequence of the nucleic acid is selected from the group consisting of:

- (a) SEQ ID NO: 1600;
- (b) a DNA encoding the nucleic acid of (a), wherein the DNA is identical in length to (a); and
- (c) the complement of (a) or (b), where in the complement is identical in length to (a).

19. (Previously Presented) A vector comprising the nucleic acid of claim 17.

20. (Previously Presented) A vector comprising the nucleic acid of claim 18.

21. (Previously Presented) A probe comprising the nucleic acid of claim 17.

22. (Previously Presented) A probe comprising the nucleic acid of claim 18.